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Title: Flash EEprom System
Inventors: Harari et al. Atty. Tel: (415) 318-1160 Conf. No.: 6307
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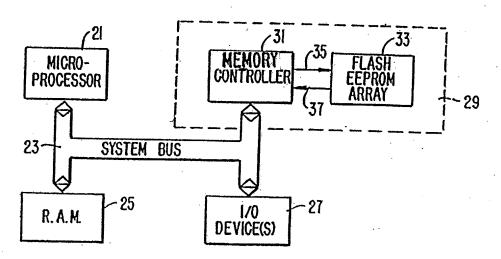


FIG.\_1A

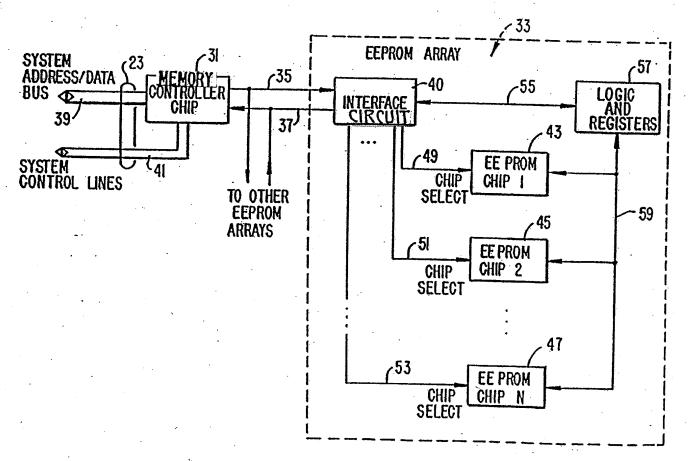
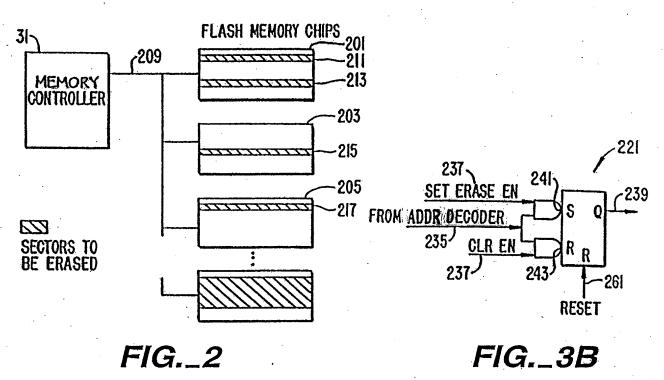


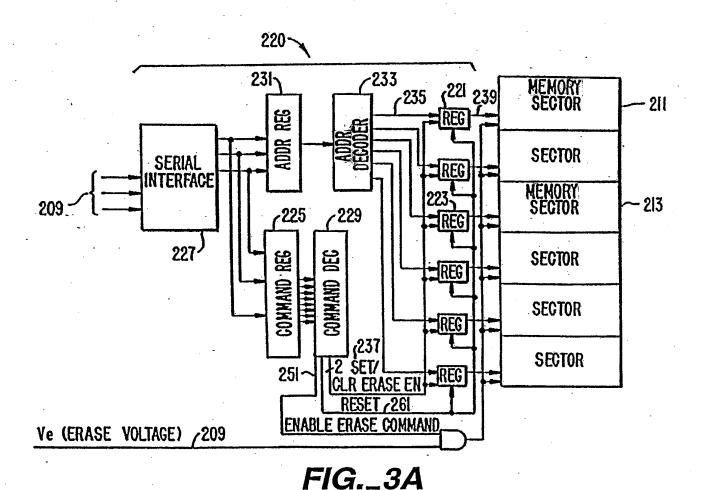
FIG.\_1B

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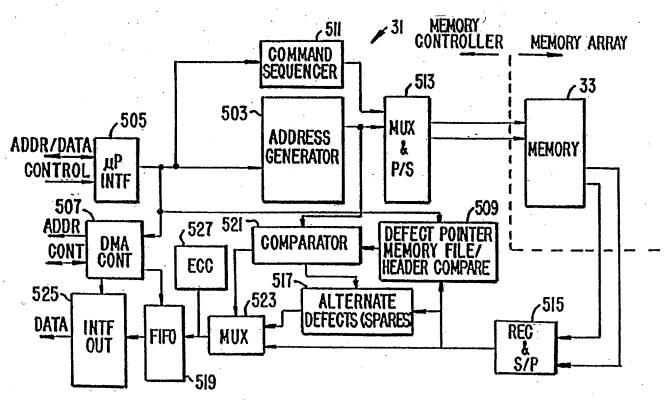
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4/22 -401-403 DATA FIG.\_5 **ALTERNATIVE** 407~ DEFECTS DATA DEFECT MAP -405409 HEADER 411 **ECC & OTHERS** 413 SECTOR PARTITION

Filing Date:



READ DATA PATH CONTROL

FIG.\_6

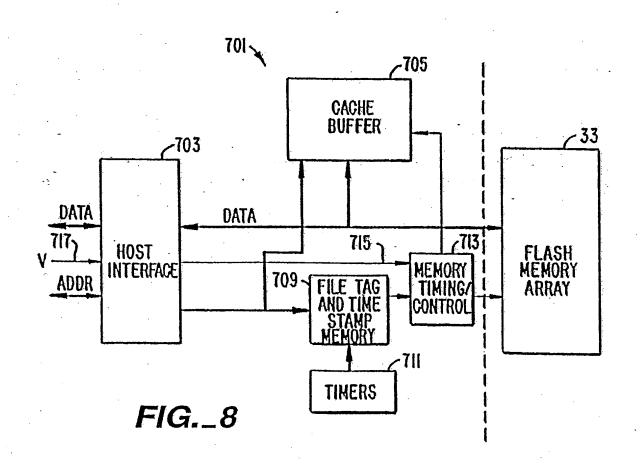
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5/22 MEMORY CONTROLLER ·511 **MEMORY ARRAY** COMMAND SEQUENCER 513 /33 503~ 505 MUX **ADDRESS** MEMORY ADDR/DATA Ł GENERATOR P/S CONTROL INTF 507 -509 527 521 **ADDR** DEFECT POINTER MEMORY FILE/ HEADER COMPARE DMA **COMPARATOR** CONT CONT **ECC** 515 601 **ALTERNATE** 603~ DEFECTS (SPARES) REC 517 DATA INTF FIFO ·605 S/P IN

WRITE DATA PATH CONTROL FIG.\_7

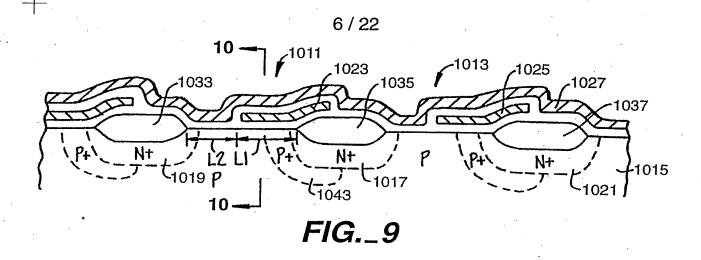


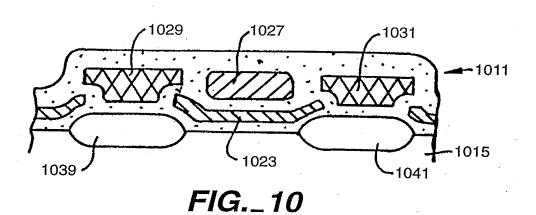
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 Harari et al.
 Atty.
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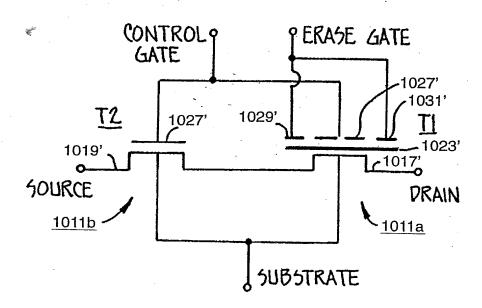


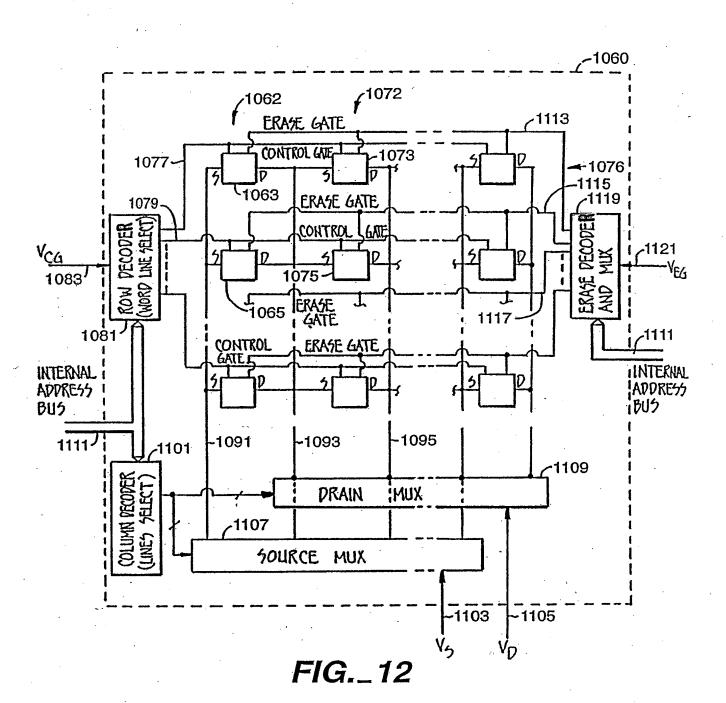
FIG.\_11

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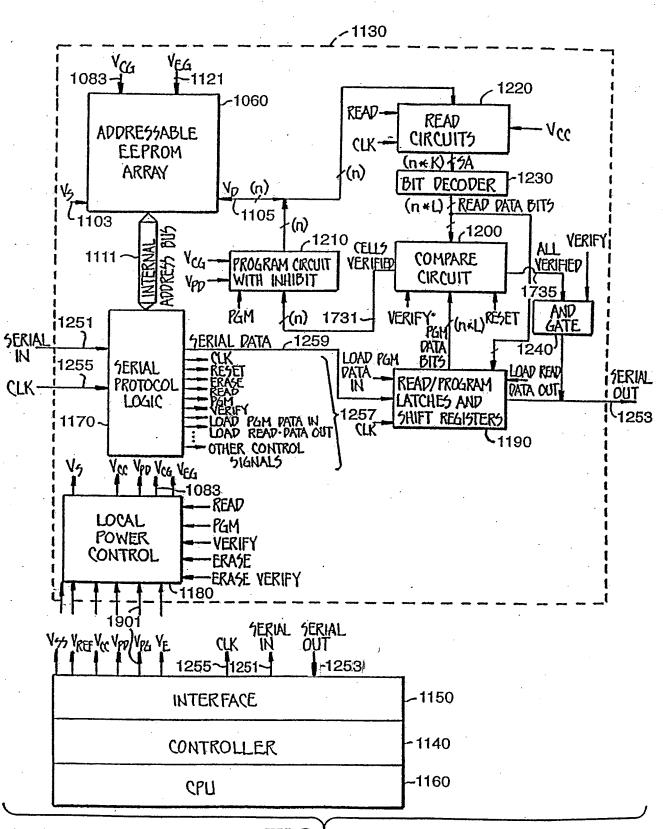


FIG.\_13

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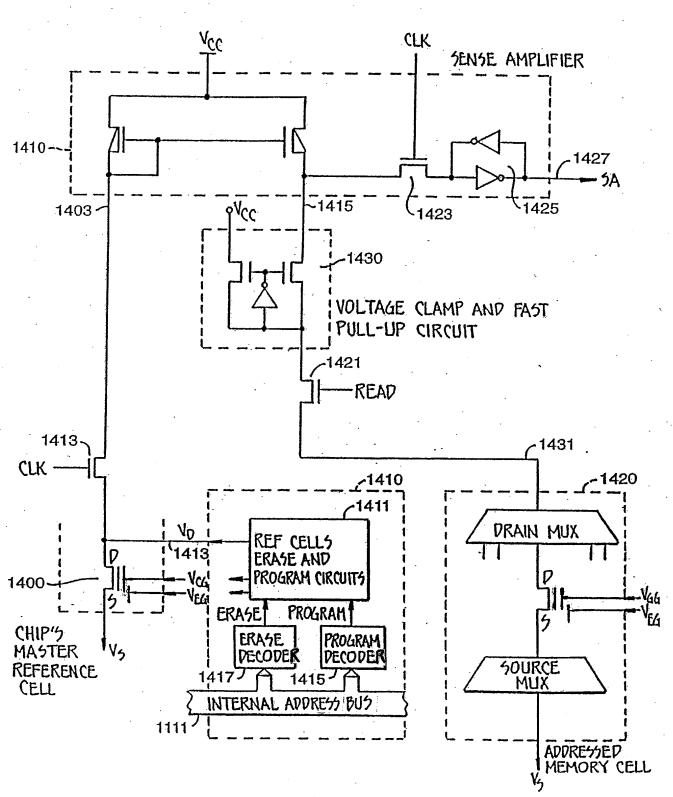


FIG.\_17A

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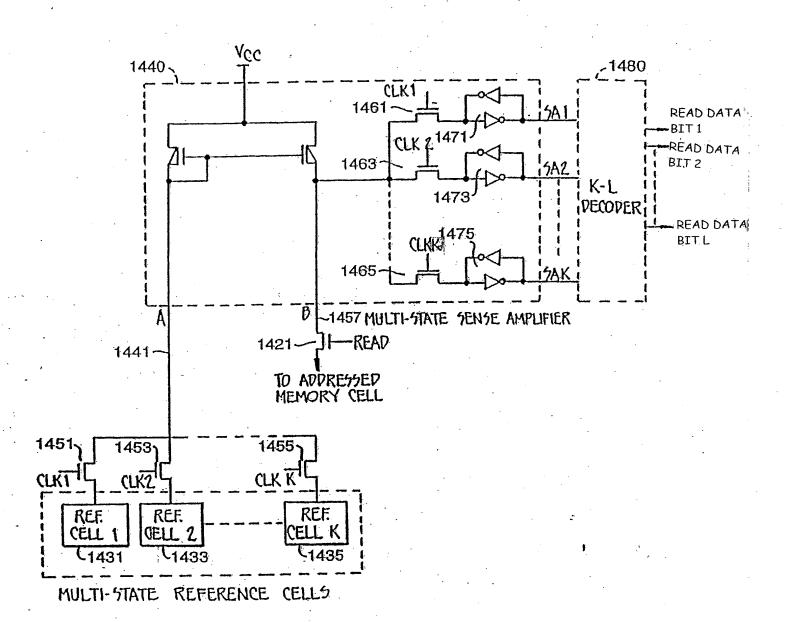


FIG.\_17B

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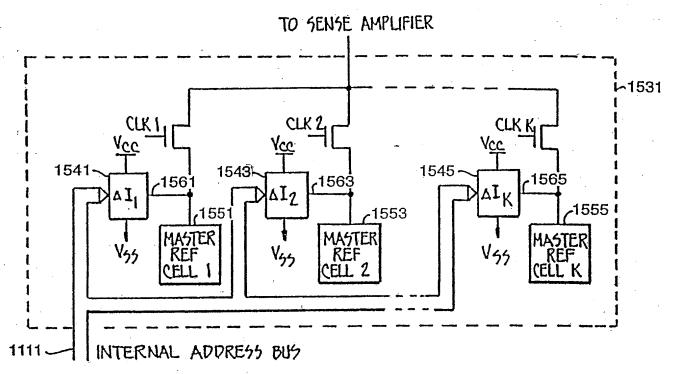
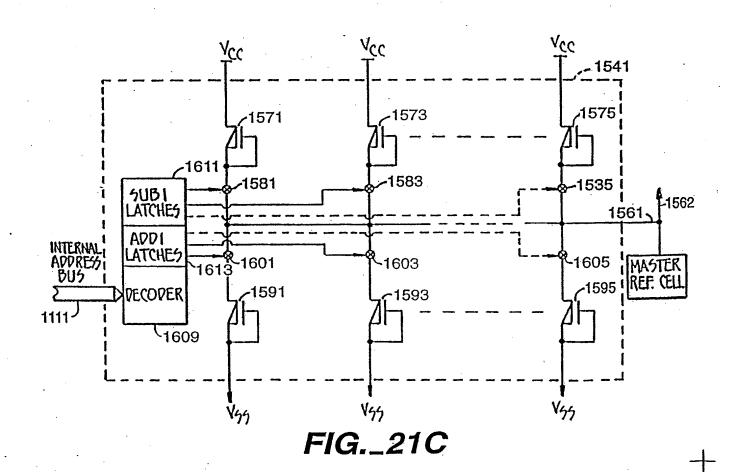


FIG.\_21B

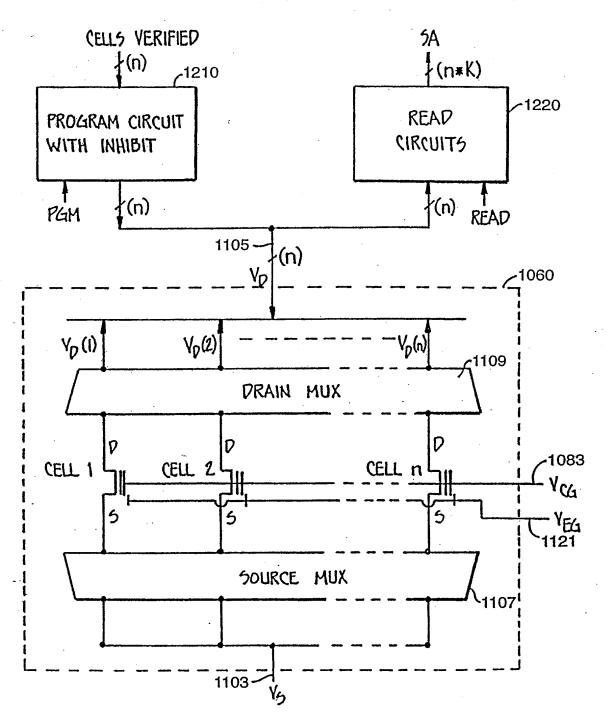


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READ/PROGRAM DATA PATHS FOR n CELLS IN PARALLEL

FIG.\_22